

Application No. 09/928,671
Amendment dated August 18, 2003
Reply to Office Action of June 26, 2003

REMARKS

The Examiner objected to the disclosure, stating that on page 2, line 3, "code" should be replaced with --core--. However, the code cache mentioned on page 2, line 3 to which the requested line is supplied refers to the code cache that issues the request to the level 2 cache. The Applicant respectfully contends that line 3 is accurate as written. The Examiner further objected to the disclosure stating that on page 4, line 23, "mechanisms" should be replaced with --mechanism--. The Applicant has amended line 23 accordingly. The Examiner objected to claims 8-10, 18-20 and 28-30 due to informalities. The Applicant has amended claims 8, 10, 18, 20, 28 and 30 accordingly.

Independent claim 1 calls for defining a multilevel cache including a core having relatively faster components and a region including relatively slower components.

Independent claim 1 stands rejected under 35 U.S.C. § 102(e) as being anticipated by Arimilli et al., U.S. Patent No. 6,463,507 (hereinafter "Arimilli"). The Applicant requests reconsideration and withdrawal of this rejection because Arimilli fails to teach or suggest defining a multilevel cache including a core having relatively faster components and a region including relatively slower components.

The Examiner asserts that, in Arimilli, the upper level cache is faster than the lower level cache because the upper level cache is closer to the processor core. However, the proximity of a cache to the processor core does not determine the speed with which components of the cache are capable of operating. While the proximity of the upper level cache to the processor core may affect the speed with which data travels between the upper level cache and the processor core, Arimilli makes no mention of one cache having faster components than the other.

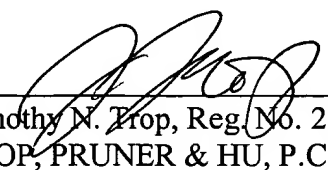
Independent claims 11 and 21 also distinguish over Arimilli for reasons similar to those set forth above with respect to independent claim 1.

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In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested.

Respectfully requested,

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